Recursive Gravity Research

Conceptual Cover Summary

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Overview

This document introduces a speculative research program exploring whether recurring geometric patterns found throughout nature may reflect a deeper organizing principle. The framework examines ideas such as loop gravity, gravity condensation, gravity cycles, gravity climate, and nested gravity wells. It also considers whether similar recursive structures seen in rivers, lightning, trees, drainage networks, and other natural systems can be described by a common mathematical framework.

Research Goal

The objective is to develop a mathematically rigorous model capable of explaining known observations, making new testable predictions, and distinguishing this framework from established theories where appropriate.

Scientific Status

The ideas collected in this journal are working hypotheses and conceptual proposals. They should be evaluated through mathematical development, simulation, comparison with established physics, and experimental or observational testing.

"Observation inspires hypotheses; mathematics and experiment determine which endure."